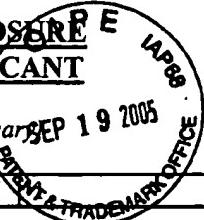


Substitute for Form 1449 A & B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/785,083
		Confirmation Number	8545
		Filing Date	February 25, 2004
		First Named Inventor	Hajime MAKI
		Art Unit	1755
		Examiner Name	Unknown
		Attorney Docket Number	Q79995
Sheet	1	of	



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
<i>DSS</i>		WO	00/69790	A	11-23-2000	Fraunhofer-Gesellschaft Zur Foerderung Der Angewandten Forschung E.V.	Abstract
<i>DSS</i>		WO	02/08124	A	01-31-2002	Institut Für Neue Materialien Gem. GMBH	Abstract

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				Translation <sup>6</sup>
<i>DSS</i>		K. KAMIYA et al., "Formation of $\alpha$ -Alumina Around 500°C in Alkoxy-Derived Alumina Gels Under Ambient Pressure—Effects of Starting Solution Composition and Seeding", Journal of Sol-Gel Science and Technology, Vol. 20, 2001, pp. 275-285				
		Y. TAKEDA et al., "Crystallization Behavior of Alumina Gels Prepared by Sol-Gel Method Using Nitric Acid as a Catalyst", Journal of the Ceramic Society of Japan, Vol. 110, No. 11, 2002, pp. 1025-1028				
		H. MA et al., "Synthesis and Processing of Nano- $\alpha$ -Al <sub>2</sub> O <sub>3</sub> Powders", Key Engineering Materials, Vol. 206-213, XP008025131, September 9, 2001, pp. 43-46				
		A. PIERRE et al., "Gelation of Aluminum Hydroxide Soils", J. Am. Ceram. Soc., Vol. 70, No. 1, 1987, pp. 28-32				
<i>DSS</i>		W.M. ZENG et al., "A New Sol-Gel Route Using Inorganic Salt for Synthesizing Al <sub>2</sub> O <sub>3</sub> Nonopowders", NonotStructured Materials, Vol. 10, No. 4, 1998, pp. 543-550				
<i>DSS</i>		Ph. Colombar, "Structure of oxide gels and glasses by infrared and Raman scattering", Journal of Materials Science, Vol. 24, 1989, pp. 3002-3010				

Examiner Signature	<i>DSS</i>	Date Considered	4/10/2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO				<i>JUL 29 2004</i> U.S. PATENT AND TRADEMARK OFFICE	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
(use as many sheets as necessary)				Application Number	10/785,083
				Confirmation Number	8545
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Sheet		1	of	1	Attorney Docket Number
					Q79995

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
<i>DSS</i>		US 4,657,754	A	04-14-1987	Bauer et al.
		US			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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<i>DSS</i>		Taichi Sato, "Aluminium Hydroxides and Aluminas", <i>Mineralogy Association Magazine</i> , Vol. 19, No. 1, March 1989, pp. 21-41			
		A. Krell et al., "Nanocorundum—Advanced Synthesis and Processing", <i>NanoStructured Materials</i> , Vol. 11, No. 8, 1999, pp. 1141-1153			
		WPI Abstract of WO 2000/069790, November, 2000			
		S. Rajendran et al., "Fabrication of a Fine Grained Alumina Ceramic", <i>Key Engineering Materials</i> , Vol. 53-55, 1991, pp. 462-468			
		B. Felde et al., "Synthesis of Ultrafine Alumina Powder by Sol-Gel Techniques", 9 <sup>th</sup> <i>Cimtec World Ceramics Congress</i> , Ceramics: Getting into the 2000's - Part B, P. Vincenzini (Editor), 1999, pp. 49-56			
<i>DSS</i>		Y. YE et al., "Preparation of Ultrafine $\alpha$ -Al <sub>2</sub> O <sub>3</sub> Powder by Thermal Decomposition of AACH at Low Temperature", <i>The Chinese Journal of Process Engineering</i> , Vol. 2, No. 4, Aug. 2002, pp. 325-329, with English Abstract			

Examiner Signature	<i>Dawn Sample</i>	Date Considered	<i>11/10/2005</i>
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